

IN THE CLAIMS

Claim 1. (Currently Cancelled)

Claim 2. (Currently Amended) A tough polymer ~~according to claim 1 wherein said water soluble monomer is~~ **which is polyvinyl alcohol grafted in an amount of 1-99 wt.% with a water or alcohol soluble or dispersible monomer** selected from ~~vinyl pyrrolidone, vinyl caprolactam, 2-[[[(butylamino)carbonyl]oxy]ethyl acrylate, dimethylaminopropyl methacrylamide, dimethylaminoethyl methacrylate, or their quats,~~ acrylic acid, tetrahydrofurfurylmethacrylate, hydroxyethylmethacrylate, vinyl pyridine, ethoxylated acrylates, methacrylic acid, methylmethacrylate, (2-methacryloxy)ethyl trimethylammonium sulfate, ~~(2-methacryloxy)ethyl (trimethylammonium chloride),~~ 1-vinylimidazole, styrene, silicone (eth-, meth-)acrylates, fluoro(eth-, meth-)acrylates, and mixtures thereof, ~~and the like~~ **optionally including vinyl pyrrolidone, dimethylaminoethyl methacrylate, and/or dimethylaminopropyl methacrylamide.**

Claim 3. (Currently Amended) A tough polymer according to claim ~~4~~ **2** in which the polyvinyl alcohol is processed with 1-50 wt. % with said water or ethanol soluble or dispersible monomer.

Claim 4. (Currently Amended) A solution according to claim ~~4~~ **2** in which said polymer is dissolved in a solvent selected from water, alcohol, water-alcohol, water-hydrocarbon, or water-alcohol-hydrocarbon mixtures.

Claim 5. (Original) A process for making the solution of claim 4 which comprises grafting polyvinyl alcohol with a water or alcohol soluble or dispersible monomer in a solvent which is water, alcohol, hydrocarbon, water-alcohol, water-hydrocarbon, or water-alcohol-hydrocarbon mixtures in the presence of an initiator.

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Claim 6. (Original) A process according to claim 5 wherein said free radical or redox initiator is H_2O_2 , ceric complexes, ammonium persulfate, sodium persulfate, potassium persulfate, cumene peroxide, t-butylperoxypivalate, or benzoyl peroxide, ferric chloride, hydrogen peroxide-iron, hydrogen peroxide-copper, azo, and mixtures thereof, or the like.

Claim 7. (Currently Amended) A personal care product including the tough polymer of ~~claims 1-3~~ claim 2.

Claim 8. (Original) A hair care product according to claim 7 which forms a tough, yet flexible film on the hair of the user, which is soluble or dispersible in water, alcohol, water-alcohol, water-hydrocarbon, or water-alcohol-hydrocarbon mixtures.

Claim 9. (Original) A cosmetic or dermatological, film-forming composition according to claim 7 for producing a water-resistant film demonstrating excellent hold and durability properties.

Claim 10. (Currently Cancelled)